SEQUENCE LISTING

<110> Miller, Jeffrey A.

<120> ASSAYS AND PEPTIDE SUBSTRATE FOR DETERMINING AGGRECAN DEGRADING METALLO PROTEASE ACTIVITY

<130> DM6907A

<140> 09/975,813
<141> 2001-09-12

<150> 60/053,850
<151> 1997-07-25

<160> 61

<170> PatentIn version 3.2

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<213> Homo Sapiens

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Gln Thr Val Thr Trp Pro Asp Met Glu Leu Pro Leu Pro Arg Asn Ile
1   5   10   15

Thr Glu Gly Glu Ala Arg Gly Ser Val Ile Leu Thr Val Lys Pro Ile
                20   25   30

Phe Glu Val Ser Pro Ser Pro Leu
        35   40

<210> 2
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<213> Bovine

<400> 2

Gln Thr Val Thr Trp Pro Asp Val Glu Leu Pro Leu Pro Arg Asn Ile
1   5   10   15

Thr Glu Gly Glu Ala Arg Gly Ser Val Ile Leu Thr Ala Lys Pro Asp
                20   25   30

Phe Glu Val Ser Pro Thr Ala Pro Glu
        35   40

<210> 3
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<212> PRT
<213> Homo Sapiens

<400> 3

Ile Thr Phe Val Asp Thr Ser Leu Val Glu Val Thr Pro Thr Thr Phe
1   5   10   15

Lys Glu Glu Glu Gly Leu Gly Ser Val Glu Leu Ser Gly Leu Pro Ser
            20   25   30

Gly Glu Leu Gly Val Ser Gly Thr
        35   40

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Gln Thr Val Thr Trp Pro Asp Met Glu Leu Pro Leu Pro Arg Asn Ile
1   5   10   15

Thr Glu Gly Glu Ala Arg Gly Ser Val Ile Leu Thr Val Lys Pro Ile
            20   25   30

Phe Glu Val Ser Pro Ser Pro Leu Lys
        35   40

<210> 5
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<400> 5

Ala Arg Gly Ser Val Ile Leu Thr Val Lys Pro Ile Phe Glu Val Ser
1   5   10   15

Pro Ser Pro Leu Lys
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<210> 6
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<212> PRT
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<400> 6

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1               5                   10                  15


Ile Thr Glu Gly Glu
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<210> 7
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<400> 7

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Gln Thr Val Thr Trp Pro Asp Met Glu Leu Pro Leu Pro Arg Asn Ile
1               5                   10                  15


Thr Glu Gly Gln Ala Arg Gly Ser Val Ile Leu Thr Val Lys
            20              25                  30
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<210> 8
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<400> 8

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<210> 9
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<213> Homo sapiens

<400> 9

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Ala Arg Gly Ser Val Ile Leu Thr
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<400>  10

Asn Ile Thr Glu Gly Glu
1               5


<210>  11
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<400>  11

Ala Arg Gly Ser Val Ile Leu Thr
1               5


<210>  12
<211>  6
<212>  PRT
<213>  Rat

<400>  12

Asn Ile Thr Glu Gly Glu
1               5


<210>  13
<211>  8
<212>  PRT
<213>  Rat

<400>  13

Ala Arg Gly Asn Val Ile Leu Thr
1               5


<210>  14
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<400>  14

Asn Val Thr Glu Gly Glu
1               5
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<400>  15

Ala Leu Gly Ser Val Ile Leu Thr
1               5


<210>  16
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<400>  16

Asn Ile Thr Glu Gly Glu
1               5


<210>  17
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<400>  17

Ala Arg Gly Thr Val Ile Leu Thr
1               5


<210>  18
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Asn Ile Thr Glu Gly Glu
1               5


<210>  19
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Ala Arg Gly Asn Val Ile Leu Thr
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<210>  20
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<211> 6
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Asn Val Thr Glu Glu Glu
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Ala Arg Gly Ser Ile
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Asn Ile Thr Glu Gly Glu
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<210> 23
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Ala Arg Gly Asn Val Ile Leu Thr
1   5

<210> 24
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<400> 24

Ala Ser Thr Ala Ser Glu Leu Glu
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Ala Thr Thr Ala Gly Glu Leu Glu
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<210> 27
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Gly Arg Gly Thr Ile Asp Ile Ser
1   5

<210> 28
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Ala Thr Thr Ser Ser Glu Leu Glu
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<400> 29

Gly Arg Gly Thr Ile Gly Ile Ser
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Ala Thr Thr Ala Ser Glu Leu Glu
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Gly Arg Gly Thr Ile Ser Val Ser
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<210> 32
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Pro Thr Thr Phe Lys Glu Glu Glu
1   5

<210> 33
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Gly Leu Gly Ser Val Glu Leu Ser
1   5

<210> 34
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<212> PRT
<213> Bovine

<400> 34

Pro Thr Thr Phe Lys Glu Glu Glu
1   5

<210> 35
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Gly Leu Gly Ser Val Glu Leu Ser
1   5

<210>   36
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Pro Thr Thr Phe Arg Glu Glu Glu
1   5

<210>   37
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<400>   37

Gly Leu Gly Ser Val Glu Leu Ser
1   5

<210>   38
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<212>   PRT
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<400>   38

Pro Thr Thr Phe Arg Glu Glu Glu
1   5

<210>   39
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<400>   39

Gly Leu Gly Ser Val Glu Leu Ser
1   5

<210>   40
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<400>   40

Thr Gln Ala Pro Thr Ala Gln Glu
1   5

<210> 41
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<400> 41

Ala Gly Glu Gly Pro Ser Gly Ile
1   5

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Thr Gln Ala Pro Thr Ala Gln Glu
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Ala Gly Glu Gly Pro Ser Gly Ile
1   5

<210> 44
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Thr Leu Ala Pro Thr Ala Gln Glu
1   5

<210> 45
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Ala Gly Glu Gly Pro Ser Ser Ile
1   5

<210> 46
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Thr Gln Ala Pro Thr Ala Gln Glu
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Ala Gly Glu Gly Pro Ser Gly Ile
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Thr Gln Thr Ser Val Ala Gln Glu
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Val Gly Glu Gly Pro Ser Gly Met
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Leu Gly Gln Arg Pro Pro Val Thr
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Leu Gly Gln Arg Pro Pro Val Thr
1   5

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1   5

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Leu Gly His Gly Pro Ser Met Thr
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<210> 56
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Thr Glu Pro Thr Val Ser Gln Glu
1   5

<210> 57
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<400> 57

Leu Gly His Gly Pro Ser Met Thr
1   5

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Thr Arg Pro Thr Val Ser Gln Glu
1   5

<210> 59
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<400> 59

Leu Gly Gly Glu Thr Ala Val Thr
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<400> 60

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1   5

<210> 61
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<213> Dog

<400> 61

Leu Gly Gly Glu Thr Ala Val Thr
1   5